

Topical Collection

Batteries, Fuel Cells and Supercapacitors Technologies

Message from the Collection Editors

Potential topics include but are not limited to the following research areas:

- Energy management system design, control, and simulation;
- Modeling including electrical, thermal, electrochemical, and their combination models;
- State estimation and prediction for energy storage and conversion systems;
- Experimental techniques for testing and characterization;
- Safety issues, thermal runaway, and development of safer materials;
- Degradation mechanisms and characterization methods;
- Lifetime diagnosis and prognosis methods;
- Design and optimization;
- Machine learning and algorithm design;
- Component reliability and development of key components;
- Technical evaluations and market analyses.

Collection Editors

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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

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